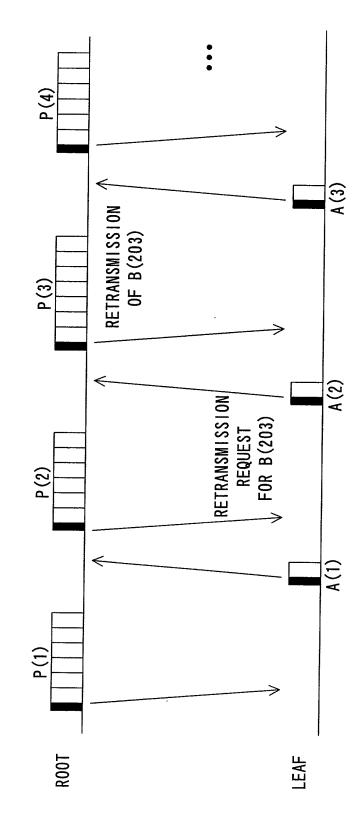
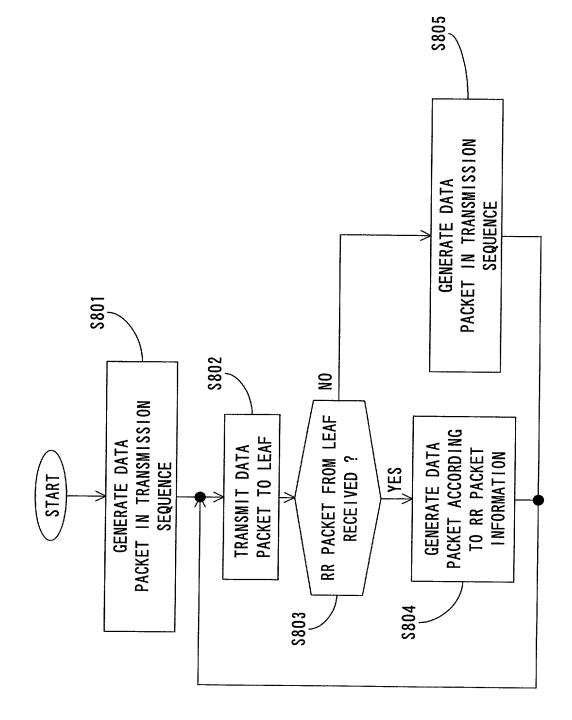
| | LEAF |
|---|--------------------|
| P(1) B(101) B(102) B(103) B(104) B(105) B(106) | A (1) |
| P(2) B(201) B(202) B(203) B(204) B(205) B(206) | R(203) A(2) |
| P(3) B(203) B(301) B(302) B(303) B(304) B(305) B(306) | A (3) |
| P(4) B(401) B(402) B(403) B(404) B(405) B(406) | A (4) |
| P(5) B(501) B(502) B(503) B(504) B(505) B(506) | R (504, 505) A (5) |
| P (6) B (504) B (505) B (601) B (602) B (603) B (604) B (605) | A (6) |
| P(7) B(606) B(701) B(702) B(703) B(704) B(705) B(706) | A (7) |
| P(8) B(801) B(802) B(803) B(804) B(805) B(806) | A (8) |

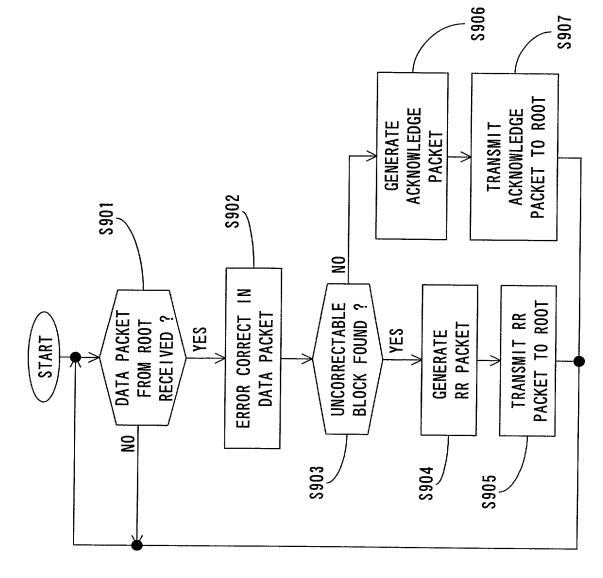
F1G. 2



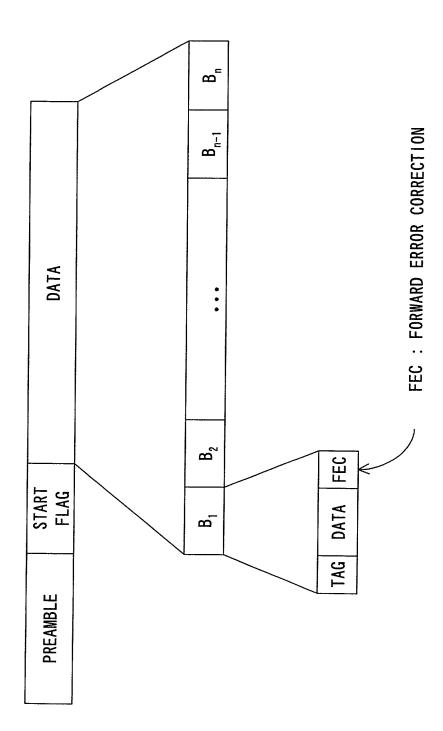
F1G. 3



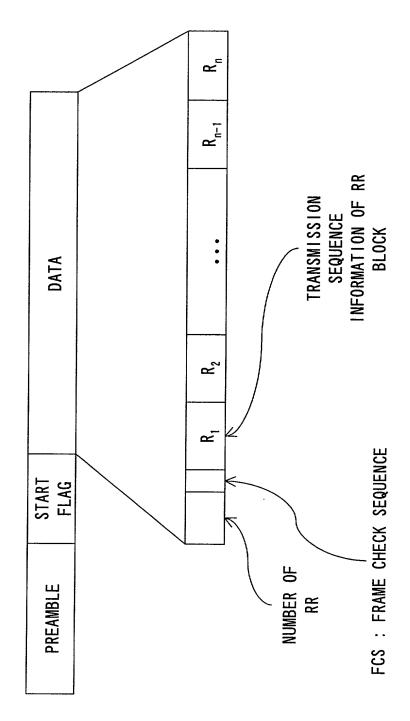
F1G. 4



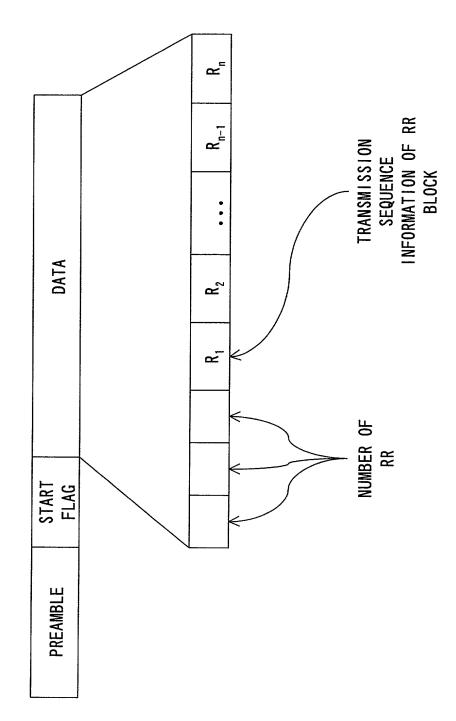
F1G. 5



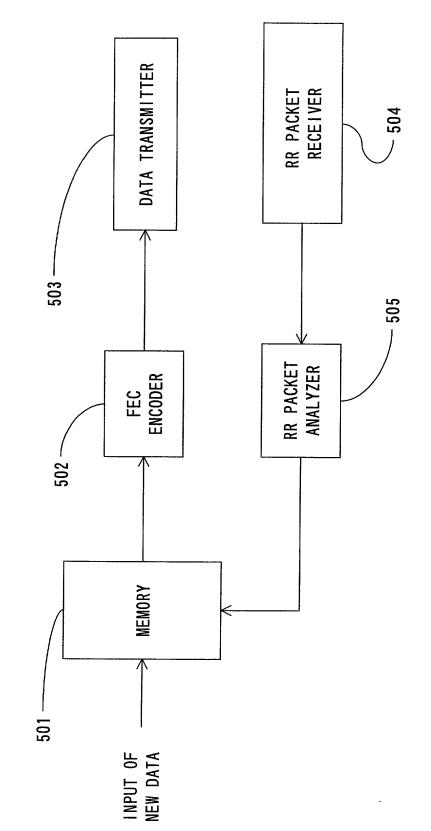
F1G. 6



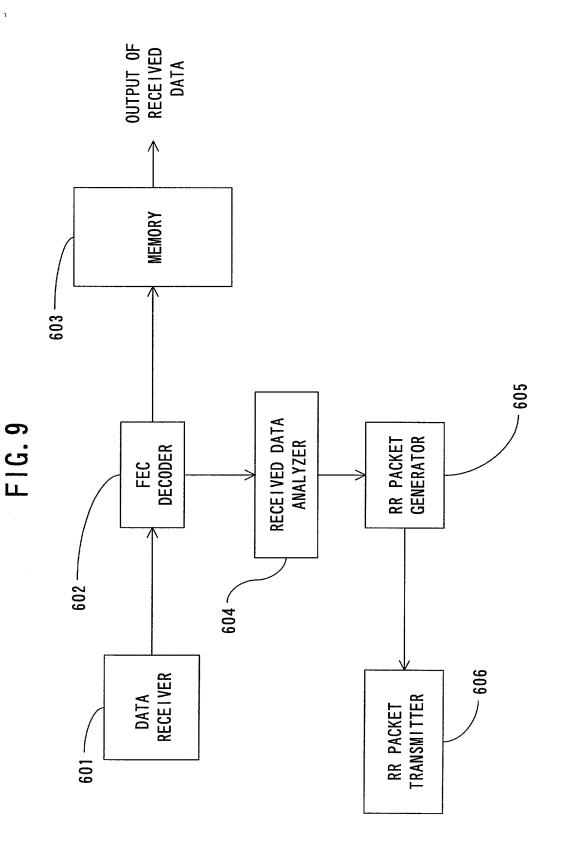
F1G. 7



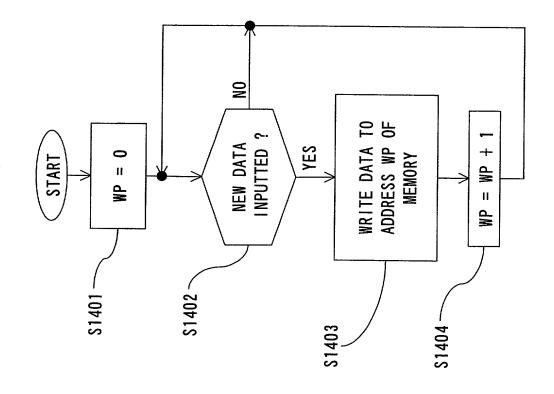
F1G.8

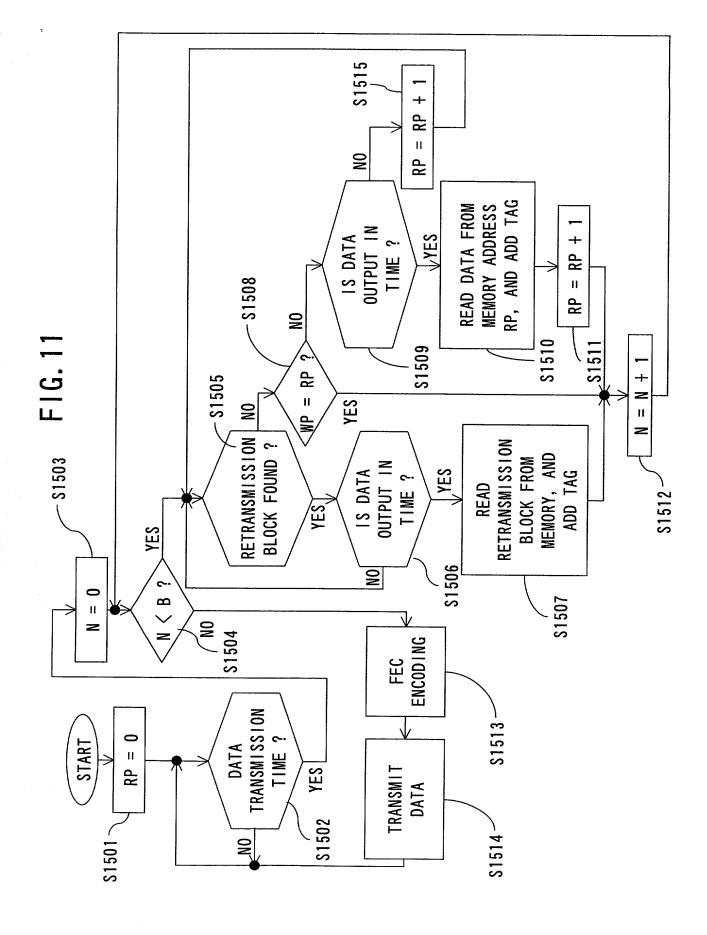


RR : RETRANSMISSION REQUEST

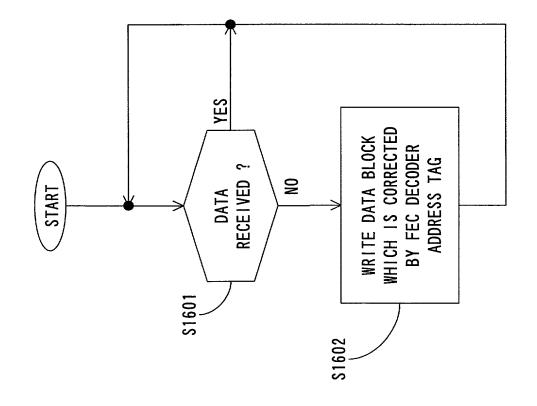


F1G. 10





F1G. 12



\$1707 NEW DATA FOUND IN NEXTRP ADDRESS ? NEXTRP = NEXTRP + YES \$1708 F1G. 13 TIME EARLIER THAN NEXRP ? BLOCK K RECEIVED, HAVING OUTPUT NEXTRP = K YES 9 \$1704 \$1703 OUTPUT TIME OF DATA INDICATED NEXTRP INDICATED BY = NEXTRP **OUTPUT DATA** ADDRESS RP NEXTRP = 0YES START 쮼 \$1702 \$1701 \$1705 S1706

F1G. 14

A(2) A(3) A (4) R(504, 505) A(5) A (7) LEAF R (203) P(3)|B(301)|B(302)|B(303)|B(203)|B(304)|B(305)|B(306) P(6) B(601) B(602) B(603) B(504) B(505) B(604) B(605) P(7) B(606) B(701) B(702) B(703) B(704) B(705) B(706) P(1) B(101) B(102) B(103) B(104) B(105) B(106) P(2) B(201) B(202) B(203) B(204) B(205) B(206) P(4)|B(401)|B(402)|B(403)|B(404)|B(405)|B(406) P(5) B(501) B(502) B(503) B(504) B(505) B(506) P(8) B(801) B(802) B(803) B(804) B(805) B(806) ROOT

FIG. 15

A(1)

A(2)

A(3)

A (4)

A (5)

A (6)

A (7)

A (8)

R (203, 204) R (504, 505) LEAF P(6) B(504) B(505) B(601) B(602) B(603) B(604) B(605) P(7) B(606) B(701) B(702) B(703) B(704) B(705) B(706) P(3) B(203) B(204) B(301) B(302) B(303) B(304) P(4) B(401) B(402) B(403) B(404) B(405) B(406) P(5) B(501) B(502) B(503) B(504) B(505) B(506) P(2) B(201) B(202) B(203) B(204) B(205) P(1) B(101) B(102) B(103) B(104) P(8) B(801) B(802) B(803) B(804) ROOT

FIG. 16

P(1) B(101) B(102) B(103) B(104) B(105) B(106)

R00T

P(2) B(201) B(202) B(203) B(204) B(205) B(206)

B(306) P(3) B(203) B(301) B(302) B(303) B(304) B(305)

P(4) B(305) B(306) B(401) B(402) B(403) B(404) B(405)

P(5) B(406) B(501) B(502) B(503) B(504) B(505) B(506)

P(7) B (701) B (702) B (703) B (704) B (705) B (706)

P(6) B(601) B(602) B(603) B(604) B(605) B(606)

P(8) B(801) B(802) B(803) B(804) B(805) B(806)

LEAF

106

R(203), 206 A(2)

A (4) 405

A (3)

304

A (5) 506

(9) Y 909

A (7) 907

908

F1G. 17

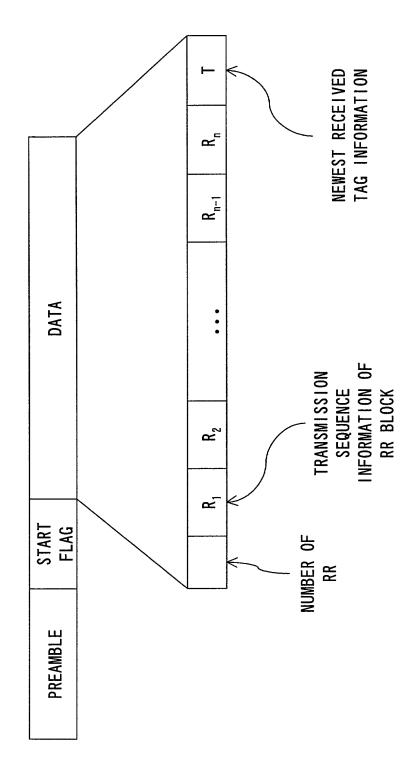


FIG. 18

LEAF

ROOT

(6,705)(6, 403)A (6) A (8) A(3) R(406), (5, 503) A(5) R(202), (5, 204) A(2) A(1) (5,603)(5,805)(5,303)(4, 104)B(406) P(5) B(404) B(405) B(501) B(502) B(503) B(504) B(505) P(6) B(406) B(506) B(601) B(602) B(603) B(604) B(605) B(706) P(3) B(202) B(205) B(301) B(302) B(303) B(304) B(305) P(4) B(306) B(401) B(402) B(403) B(404) B(405) P(8) B(801) B(802) B(803) B(804) B(805) B(806) P(7) B(606) B(701) B(702) B(703) B(704) B(705) P(1) B(101) B(102) B(103) B(104) B(105) B(106) P(2) B(201) B(202) B(203) B(204) B(205) B(206)